



CO OF PAPERS
ORIGINALLY FILED

#4

1/3

SEQUENCE LISTING

<110> Abbott Laboratories
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Wray, Larry K.
Falk, Lawrence A.
Devare, Sushil G.

<120> MOUSE MONOCLONAL ANTIBODY (5-21-3) TO
HUMAN IMMUNODEFICIENCY VIRUS gp41 PROTEIN

<130> 4573.US.C6

<140> 10/086,409

<141> 2001-11-19

<150> 08/856,155

<151> 1997-05-14

<150> 08/579,088

<151> 1995-12-27

<150> 08/376,694

<151> 1995-01-23

<150> 08/101,082

<151> 1993-08-02

<150> 07/780,576

<151> 1991-10-22

<150> 07/176,077

<151> 1988-03-30

<160> 6

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 24

<212> PRT

<213> Human Immunodeficiency Virus

<220>

<223> Epitope on HIV I gp41

<400> 1

Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu
1 5 10 15

Gln Glu Leu Leu Glu Leu Asp Lys

20

<210> 2
 <211> 34
 <212> PRT
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<220>
 <223> Synthetic Peptide corresponding to gp41 amino
 acids 121 - 154

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 Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu Ile His Ser Leu Ile Glu
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 Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu
 20 25 30
 Asp Lys

<210> 3
 <211> 38
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Synthetic Peptide corresponding to gp41 amino
 acids 126 - 162

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 Tyr Asn Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn
 1 5 10 15
 Gln Gln Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala
 20 25 30
 Asn Leu Trp Asn Trp Leu
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 acids 67 - 154

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 Ala Arg Ile Leu Ala Val Glu Arg Tyr Leu Lys Asp Gln Gln Leu Leu
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 Gly Ile Trp Gly Cys Ser Gly Lys Leu Ile Cys Thr Thr Ala Val Pro
 20 25 30
 Trp Asn Ala Ser Trp Ser Asn Lys Ser Leu Glu Gln Ile Trp Asn Asn
 35 40 45
 Met Thr Trp Met Glu Trp Asp Arg Glu Ile Asn Asn Tyr Thr Ser Leu
 50 55 60
 Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln Glu Lys Asn Glu
 65 70 75 80
 Gln Glu Leu Leu Glu Leu Asn Lys
 85

<210> 5
 <211> 73
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 acids 58-130

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 Thr Val Trp Gly Ile Lys Glu Leu Gln Ala Arg Ile Leu Ala Val Glu
 1 5 10 15
 Arg Tyr Leu Lys Asp Gln Gln Leu Leu Gly Ile Trp Gly Cys Ser Gly
 20 25 30
 Lys Leu Ile Cys Thr Thr Ala Val Pro Trp Asn Ala Ser Trp Ser Asn
 35 40 45
 Lys Ser Leu Glu Gln Ile Trp Asn Asn Met Thr Trp Met Glu Trp Asp
 50 55 60
 Arg Glu Ile Asn Asn Tyr Thr Ser Leu
 65 70

<210> 6
 <211> 45
 <212> PRT
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<220>
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 acids 131 - 175

<400> 6
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 Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Asn Leu Trp Asn Trp Leu
 20 25 30
 Asn Ile Thr Asn Trp Leu Trp Tyr Ile Lys Leu Phe Ile
 35 40 45